

MODULAR CONTACT SWITCH

Abstract of the Disclosure

A modular contact switch adapted to be readily assembled from a plurality of contact modules is provided. Both active contact modules and passive contact modules comprise coupling features, including but not limited to, engagement tabs and mating surfaces, to enable a removable coupling of multiple active contact modules to form active contact assemblies and passive contact modules of a passive contact assembly. The active contact modules provide a spring-biased contact that responds to the position of passive contacts of the passive contact modules. As the active and passive contact modules come into abutment and urging engagement, an electrical connection is made between the corresponding contacts. The spring-bias of the active contacts ensures that the electrical contact is made regardless of variations in tolerances and position.